

ABSTRACT OF THE DISCLOSURE

A color inkjet printer and method of printing includes a printer carriage supported for bi-directional movement along a print swath axis. Color inkjet printheads of different colors are mounted for movement with the carriage.

- 5 The printheads are mounted in only two rows which are directed along the print swath axis. One row of the two rows of printheads is formed of printheads for printing a first primary color and a printhead for printing black. Another row of the two rows of printheads is formed of printheads for printing a second primary color and a printhead for printing yellow. Nozzle arrays of printheads for printing
- 10 the first primary color and the nozzle array of the printhead for printing black do not overlap in the direction along the print swath axis with the nozzle arrays of printheads for printing the second primary color and the nozzle array of the printhead for printing yellow.